

**enVisionMATH, Kentucky Student Edition**

Textbook

Teacher Edition		
032845396X		\$500.00
Kentucky Teacher's Edition and Resource Package (Grade 5)		
Essential Items		
Ancillary Items		
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ISBN**0328430994**Contract Price

\$62.20

Grade

5

TYPE

P1

Copyright

2010

Author

Charles, R.I., et al.

Edition

1st

ContentElementary  
MathematicsReadability

750

Accessibility

Nimas

Researchwww.scottforesman.  
com

**enVisionMATH, Kentucky Student Edition**

0328306088	eTools Electronic Math Manipulatives CD-ROM (Grades K-6)	\$39.95
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1 Free with the purchase of 25 Gr. 5 Kentucky Student Editions		

Evaluation Tool for Basal Instructional Materials  
Mathematics (2009 – 2015)

Provided by the Publisher	ISBN	0328430994		Publisher -	Pearson Education, Inc., publishing as Scott Foresman		Provided by the Publisher	
	enVisionMATH, Kentucky Student Edition							
	Type - P1	Author - Charles, R.I., et al.						
	Copyright - 2010	Edition - 1st	Readability - 750					
	Course - Elementary Mathematics				Grade(s) - 5			
	Teacher Edition ISBN if applicable..... 032845396X							

**Overall Recommendation:**

**Recommended as BASAL**

**Overall Strengths, Weaknesses, Comments:**

if this box is not checked, the evaluators have  
chosen NOT recommend as basal

**The ability for students to be engaged in active inquiry and problem solving is limited.**

NIMAC Accessibility      N  
Ancillary                      Yes  
Free with Purchase        Yes  
Research                      Yes      www.scottforesman.com  
Textbook

**CRITERIA**

This basal resource ...

**A. Encompasses KY Content Standards & Grade Level Expectations** **Strong Evidence**

Text is designed to be used in an elective course outside the Program of Studies

**1) Includes the 5 Big Ideas of mathematics to the following extent:**

- |                                     |                   |
|-------------------------------------|-------------------|
| a) Number Properties and Operations | Strong Evidence   |
| b) Measurement                      | Strong Evidence   |
| c) Geometry                         | Strong Evidence   |
| d) Data Analysis and Probability    | Strong Evidence   |
| e) Algebraic Thinking               | Moderate Evidence |

**2) Addresses content-specific enduring understandings from the related Program of Studies standards.** Strong Evidence

**3) Addresses content-specific skills and concepts from the related Program of Studies standards.** Strong Evidence

**4) Content addressed is current, relevant and non-trivial** Strong Evidence

**5) Provides opportunities for critical thinking/reasoning** Strong Evidence

**6) Strengths, Weaknesses, Comments:**

- Specific strengths-which areas/concepts are covered exceptionally well?
- Specific weaknesses-which areas/concepts would likely require supplementing?

The only weakness found was in Algebraic Thinking in which more instruction and practice is needed

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in the area of rules for patterns – numbers and pictures.

<b>B. Functionality &amp; Suitability</b>	<b>Moderate Evidence</b>
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<b>1) Suitability</b>	<b>Strong Evidence</b>
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- Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind.

<b>2) Content quality</b>	<b>Strong Evidence</b>
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- Free from factual errors
- Content is presented conceptually when possible—more than a mere collection of facts
- Content included accurately represents the knowledge base of the discipline
- Theories/scientific models contained represent a broad consensus of the scientific community
- Interconnections among mathematical topics

<b>3) Connections to Literacy</b>	<b>Moderate Evidence</b>
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- Employs a variety of reading levels and is grade/level appropriate
- Use of multiple representations-concrete, visual/spatial, graphs, charts, etc.
- Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles.
- Student text provides opportunity to integrate reading and writing
- Uses vocabulary that is age and content appropriate
- Focuses on critical vocabulary vs. extensive lists
- Identifies key vocabulary through definitions in both text and glossary
- The text is engaging and facilitates learning
- Embedded activities enhance the understanding of the text

*Note: may apply to either student or teacher editions*

<b>4) Connections to Technology</b>	<b>Moderate Evidence</b>
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- Integrates technology and reflects the impact of technological advances
- Uses technology in the collection and/or manipulation of authentic data
- Embeds web links as a mathematics resource.

<b>5) Support for Diverse Learners</b>	<b>Strong Evidence</b>
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- Provides support for ESL students
- Provides support for differentiation of instruction in diverse classrooms
- Challenge for gifted and talented students
- Support for students with learning difficulties

*Note: may apply to either student or teacher editions*

<b>6) Strengths, Weaknesses, Comments:</b>	
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- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

The student text needs more pictures and diagrams. A lot of pages in the text could be overwhelming to our struggling students which leads to limited engagement and lowered interest.

<b>C. Supports Inquiry and Skill Development</b>	<b>Moderate Evidence</b>
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<b>1) Promotes Inquiry, research and Application of Learning</b>	<b>Moderate Evidence</b>
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- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.
- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing,

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Mathematics (2009 – 2015)

justifying, etc.)

- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

*Note: may apply to either teacher or student edition*

**2) Skill Development**

Strong Evidence

- Provides opportunities to make sense of all mathematics
- Provides opportunities to recognize, create, and extend patterns.
- Provides opportunities for critical thinking and reasoning.
- Provides opportunities to justify/prove responses.
- Provides opportunities to ask deeper questions.
- Contains embedded activities (or extensions) that emphasize use of technology for problem solving

*Note: may apply to either teacher or student edition*

**3) Strengths, Weaknesses, Comments:**

This is a very traditional text leaving little room for student inquiry and active engagement using hands-on manipulatives.

**D. Supports Best Practices of Teaching and Learning**

Moderate Evidence

**1) Engages Students**

Little or No Evidence

- Includes content geared to the needs, interests, and abilities of all students
- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated

*Note: may apply to either teacher or student edition*

**2) Uses Assessment to Inform Instruction**

Strong Evidence

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels

*Note: may apply to either teacher or student edition*

**3) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

More illustrations, diagrams and student involvement activities needed. Too much skill and drill.

**E. Has an Organization/ Format that Supports Learning and Teaching**

Moderate Evidence

**1) Organizational Quality**

Moderate Evidence

- Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations.
- Presents chapters/lessons in an organized and logical sequence

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Mathematics (2009 – 2015)

- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

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**2) Essential Components (beyond student and teacher text)**

Little or No Evidence

- Items identified as essential components support the learning goals and concept coverage of the basal
- 

**3) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Students would enjoy QuizShow. The transparencies are very useful.

**F. Has available Ancillary/ Gratis Materials**

*Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F*

**Little or No  
Evidence**

**1) Ancillary/Gratis Materials**

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
  - Are well-organized and easy to use
  - Provide substantive learning opportunities and are congruent with student learning goals
  - Provide opportunities for high-level thinking, assessment, and/or problem solving
  - Provides opportunities for intervention.
- 

**2) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

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